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TITLE: Isolation of bacteriophages - by filtration through a cascade of cellulose filter, ultrafiltration, and diafiltration

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PRIORITY-DATA: 1986SU-4195032 (December 16, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1412302 A1	June 9, 1995		002	C12N007/00

INT-CL (IPC): C12 N 7/00; C12 N 7/00; C12 R 1:91

ABSTRACTED-PUB-NO: SU 1412302A

BASIC-ABSTRACT:

A method of isolating bacteriophages by filtration of the phage lysates and subsequent purificn. of the desired prod. is new. The phage lysates are filtered consecutively through a paper filter and a cascade of cellulose membranes of pore size 0.5-0.7 and 0.2 mum. The material is purified by ultrafiltration and diafiltration on hollow ultrafiltration fibres, with a retention threshold for substances of mol.wt. 100000 Da.

USE - The method is used in the prodn. of medicinal-prophylactic bacteriophages.

ADVANTAGE - The method is simple and gives an increased yield of a purer prod. than previous methods.

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EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.0/0